

ORIGINAL



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ARIZONA CORPORATION COMMISSION  
UNION PACIFIC'S FIRST SET OF DATA REQUEST RESPONSES  
DOCKETED

2007 SEP -4 P 4: 22

DOCKET NO. RR-03639A-07-0347  
CENTRAL AVE in BOWIE, AZ  
AUGUST 30, 2007

SEP 04 2007

AZ CORP COMMISSION

DOCKET CONTROL

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CW 1.1 Please provide the names and locations of all schools (elementary, junior high and high school) within the area of the crossing.

**Response:** *Bowie Elementary School @ 309 S. Central Ave and Bowie High School @ 315 W. 5<sup>th</sup> Street, both are 3 blocks south of crossing in Bowie, AZ 85605*

**Source:** *David M. Diaz, Transportation Supervisor for Bowie Unified School District #14 at 315 W. 5<sup>th</sup> Street, Bowie, Arizona 85605*

CW 1.2 Please provide school bus route information concerning the crossing, including the number of times a day a school bus crosses this crossing.

**Response:** *The buses for both the Bowie Elementary and High Schools cross the Central Ave tracks from 12 to 16 times per day including a bus run to San Simon Unified School District.*

**Source:** *David M. Diaz, Transportation Supervisor for Bowie Unified School District #14 at 315 W. 5<sup>th</sup> Street, Bowie, Arizona 85605*

CW 1.3 Please provide information about any hospitals in the area and whether the crossing is used extensively by emergency service vehicles.

**Response:** *The nearest hospital is Northern Cochise Community Hospital at 901 W Rex Allen Drive in Wilcox, Arizona 85643 (520)384-3541 located twenty-three miles to the west. If injuries are severe, folks are airlifted out to a Tucson hospital.*

**Source:** *Jennifer Crumbliss, Senior Transportation Engineer with HDR, Engineering, Inc. at 8404 Indian Hills Drive, Omaha, NE 68114, (402) 926-7049 used the internet site [www.GoggleEarth.com](http://www.GoggleEarth.com) along with discussions with David Diaz of Bowie Unified School District #14. Juan Cruz, Roadway Designer with HDR in Tucson physically verified hospital and school locations on June 14, 2007.*

CW 1.4 Please provide any long term traffic studies that have been done for the area.

**Response:** *The only long term traffic study for this area is the Arizona Department of Transportation's Southeast Regional Transportation Study and can be found at the following internet site:  
[http://tpd.azdot.gov/planning/rtp\\_southeastaz.php](http://tpd.azdot.gov/planning/rtp_southeastaz.php)*

*This study is underway and only includes the State Route system without any local Cochise County roads. There are no Cochise County traffic studies within the area of Bowie, AZ.*

**Source:** *Dick Schaffer, Transportation Program Manager Cochise County Planning and Zoning, 1415 Melody Lane, Building E, Bisbee, AZ, (520)432-9332.*

CW 1.5 Provide average daily traffic counts ("ADT") for crossing.

**Response:** *The August 2007 average daily traffic at Central Ave is 734 vehicles per day. The projected 2016 average daily traffic at Central Ave is 977 vehicles per day.*

**Source:** *Traffic counts performed by Bill Pearson with ACCEPT Consulting at 28151 S. Foxwood Way, Amado, Arizona 85645, (520)398-2149. Traffic projection calculations were performed by Heidi Schneider, Transportation Engineer with HDR Engineering, Inc at 33 W Congress Street, Suite 205, Tucson, AZ 85701, (520)206-0351.*

CW 1.6 Please provide the total cost to upgrade this crossing.

**Response:** *The total cost to upgrade this crossing is \$278,374.00, consisting of \$38,600.00 for the crossing surface and \$239,774.00 for the signals.*

**Source:** *Union Pacific.*

CW 1.7 Provide distances in miles to the nearest alternative routes on either side of this crossing.

**Response:** *The nearest alternate public routes to cross the railroad on the South side via I-10 Bus and Frontage roads are 15.7 miles east to Cochise Avenue in San Simon and 19.61 miles west to Country Club Drive. The north side distance via Luzena Road west is 9 miles to I-10 Interchange & overpass.*

**Source:** *HDR's use of the Union Pacific Straight-line Diagrams and [www.MapQuest.com](http://www.MapQuest.com) along with discussions with David Diaz of Bowie Unified School District #14.*

CW 1.8 Please provide the Level of Service ("LOS") for this crossing.

**Response:** *The 2007 LOS for Central Avenue at the crossing is LOS "B" with a future 2016 LOS "C" utilizing a 2.9% annual growth rate provided by Dick Schaffer, Transportation Program Manager Cochise County Planning and Zoning, 1415 Melody Lane, Building E, Bisbee, AZ, (520)432-9332.*

**Source:** *Traffic level of service calculations were performed by Heidi Schneider with HDR Engineering, Inc at 33 W Congress Street, Suite 205, Tucson, AZ 85701, (520)206-0351.*